



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

CASE NO: RD8120USNA

DIMITRI PETER ZAFIROGLU

APPLICATION NO.: 09/727,207

GROUP ART UNIT: 1733

FILED: NOVEMBER 30, 2000

EXAMINER: GOFF

FOR: PROCESS FOR BONDING STITCHED CARPET

INFORMATION DISCLOSURE STATEMENT

Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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SEP 15 2003  
TC 1700

Dear Sir:

In compliance with 37 CFR 1.97 and 1.98, the attention of the Examiner is invited to the materials listed on the enclosed PTO/SB/08A and PTO/SB/08B forms. A copy of each item is also enclosed.

A Fee Sheet is enclosed to charge the appropriate fee required in connection with the filing of this Information Disclosure Statement.

Respectfully submitted,

*George M. Medwick*  
George M. Medwick  
Registration No. 27,456  
Telephone: 302-892-7915

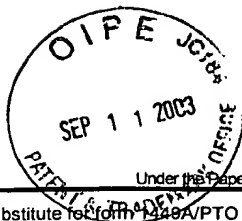
Dated

Sept 9, 2003

09/12/2003 MMEKONEN 00000003 041928 09727207

01 FC:1806

180.00 DA



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

### Complete if Known

Application Number	09/727,207
Filing Date	11/30/2000
First Named Inventor	ZAFIROGLU
Group Art Unit	1733
Examiner Name	GOFF
Attorney Docket Number	RD8120USNA

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
		US - 3,722,442		03/27/1973	MacIsaac, Jr. et al	
		US - 3,009,235		05/09/1958	G. De Mestral	
		US - 3,109,302		04/29/1959	M. A. Vitek	
		US - 3,230,917		12/03/1962	Wignall et al.	
		US - 5,605,107		02/25/1997	Padgett, III et al.	
		US - 5,470,629		11/28/1995	Mokhtar et al.	
		US - 5,472,762		12/05/1995	Edwards et al.	
		US - 5,498,459		03/12/1996	Mokhtar et al.	
		US - 2,448,928		09/07/1948	W. F. Stahl	
		US - 4,998,421		03/12/1991	Zafiroglu	
		US - 4,502,902		03/05/1985	Ziircher et al.	
		US - 4,818,316		04/04/1989	Weinle et al.	
		US - 3,602,011		08/31/1970	Barton et al.	
		US - 3,677,206		07/18/1972	MacIsaac, Jr. et al.	
		US - 4,192,159		03/11/1980	Kohi	JP 59-53935 equivalent
		US - 3,837,943		09/24/1974	Ploch et al.	
		US - 5,447,590		09/05/1995	Gilpatrick	
		US - 5,532,035		07/02/1996	Corbin et al.	
		US - 5,699,593		12/23/1997	Jackson	
		US - 2,429,281		10/21/1947	Solins	

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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		CountryCode <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		DE	4417692		04/17/1997	MALIMO-MASCHINENBAU		X
		DE	4335109		04/20/1995	WIRKBAU TEXTILMASCHINEN		X
		JP	291447		11/05/1996	MEYER JAPAN CO. LTD.		X
		DE	244582		04/08/1987	VEB KOMBINAT TEXTIMA		X
		DE	3119636		06/24/1982	VEB KOMBINAT TEXTIMA		X
		UK	1 427 191		05/10/1976	PILLER		<input type="checkbox"/>
		EP	0529575		03/03/1993	BASF		<input type="checkbox"/>
		EP	0568916		11/10/1993	HOECHST CELANESE		<input type="checkbox"/>
		WO	9803711		01/29/1998	DUPONT		<input type="checkbox"/>

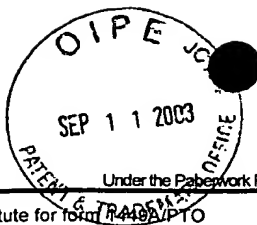
Examiner  
Signature

Date  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the tow-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols asindicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

of

4

### Complete if Known

Application Number	09/727,207
Filing Date	11/30/2000
First Named Inventor	ZAFIROGLU
Group Art Unit	1733
Examiner Name	GOFF
Attorney Docket Number	RD8120USNA

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		Number - Kind Code <sup>2</sup> (if known)				
		US -	3,401,657	09/17/1968	Watkins	TC 1700
		US -	4,103,630	08/01/1978	Wignall	
		US -	4,244,312	01/13/1981	Bialy	SEP 15 2003
		US -	4,406,309	09/27/1983	Czelusniak, Jr.	
		US -	5,575,228	11/19/1996	Padgett, III et al.	RECEIVED
		US -				
		US -	5,626,912	05/06/1997	Hendrix et al.	
		US -	5,445,860	08/29/1995	Bova	
		US -	4,159,360	06/26/1979	Kim	
		US -	4,624,878	11/25/1986	Evans et al.	
		US -	5,102,482	04/07/1992	Rogers, Jr.	
		US -				
		US -	3,168,883	02/09/1965	Ploch et al.	
		US -				
		US -	4,863,777	09/05/1989	CALLAWAY ET AL.	
		US -				
		US -	5,902,757	05/11/1999	STERN ET AL.	
		US -	6,521,554	02/18/2003	WILDEMAN	
		US -	4,026,129	05/31/1977	STERNLIEB	
		US -				

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		DE	4228563		03/03/1994	PLOCH		X
		WO	0052246		09/08/2000	DUPONT		<input type="checkbox"/>
		GB	2140047		11/21/1984	FIRTH CARPETS LTD.		<input type="checkbox"/>
		DE	2935387		03/26/1981	J. F. ADOLF AG, ET AL		X
		GB	1074741		07/05/1967	Biegelow-Sanford Inc.		<input type="checkbox"/>
		EP	0347206		06/14/1998	DOW CHEMICAL CO.		<input type="checkbox"/>
		DE	19506845		08/29/1996	WESERTECHNO		X
		JP	6128862		10/20/1992	MORITA INDUSTRY		X
		JP	247352		02/16/1990	MORITA		X

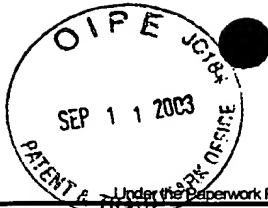
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 4

### Complete if Known

Application Number 09/727,207  
Filing Date 11/30/1000  
First Named Inventor ZAFIROGLU  
Group Art Unit 1733  
Examiner Name GOFF  
Attorney Docket Number RD8120USNA

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)				
		US - 3,253,426		05/31/1966	MAUERSBERGER	
		US - 2,892,331		06/30/1959	KELLY	
		US - 1,827,614		10/13/1931	RIVIERE	
		US - 4,347,718		09/07/1982	HAVERLAND ET AL.	
		US - 3,070,983		01/01/1963	HUBBARD ET AL.	
		US - 3,727,433		04/17/1973	HAMANO	
		US -				
		US - 5,510,142		04/23/1996	GROSHENS	FR 2724186 equivalent
		US - 5,866,229		02/02/1999	GARTNER ET AL.	DE 196 09 586 equivalent
		US -				
		US - 5,038,584		08/13/1991	WILDEMAN	JP506696 equivalent
		US -				
		US - 6,338,885		01/15/2002	PREVOST	
		US -				
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		DE	94 11 993.7		07/26/1994	MALIMO MASCHINENBAU GmbH		<input checked="" type="checkbox"/>
		JP	63-203854		08/23/1988	KURIMOTO SANGYO	ABSTRACT ONLY	<input type="checkbox"/>
		JP	37-12031		08/25/1962	Porter		<input checked="" type="checkbox"/>
		JP	43-20277		08/30/1968	Wenschel et al.		<input checked="" type="checkbox"/>
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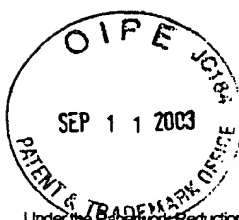
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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/727,207
		Filing Date	11/30/2000
		First Named Inventor	ZAFIROGLU
		Group Art Unit	1733
		Examiner Name	GOFF
		Attorney Docket Number	RD8120USNA
Sheet	4	of	4

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Malimo®, <i>Sewing-Knitting Machines, Six Parts, discussing Technical Possibilities and Technology.</i>	<input type="checkbox"/>
		Mayer, Karl. Tricot Machine pamphlet. January 15, 1997.	<input type="checkbox"/>
		Mohawk Commercial Carpet Pamphlet, dated November 1994	<input type="checkbox"/>
		Malimo®, <i>Sewing-Knitting Machines, Six machine types for the manufacture of the most various textile fabric constructions made of fibres and threads.</i> 1974	<input type="checkbox"/>
		Teppich-Wirkmaschine Carpet Knitting Machine, Model 14 125, pamphlet	<input type="checkbox"/>
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			<input type="checkbox"/>
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			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature		Date Considered	
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PATENT & TRADEMARK OFFICE

PTO/SB/17 (05-03)

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

## Complete if Known

Application Number 09/727207  
Filing Date November 30, 2000  
First Named Inventor Dimitri P. Zafiroglu  
Examiner Name  
Art Unit 1733  
Attorney Docket No. RD8120 US NA

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number  
Deposit Account Name

04-1928

E. I. du Pont de Nemours and Company

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	18	
Multiple Dependent	-3** =	84	
	YES	280	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180.00
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

## SUBMITTED BY

Name (Print/Type) George M. Medwick Registration No. 27,456 Telephone (302)892-7915  
Signature *George M. Medwick* Date Sept 9, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/92 (08-00)

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09/727,207  
RD8120USNA  
Information Disclosure Statement  
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PTO/SB08B FORM (1 SHEET)  
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